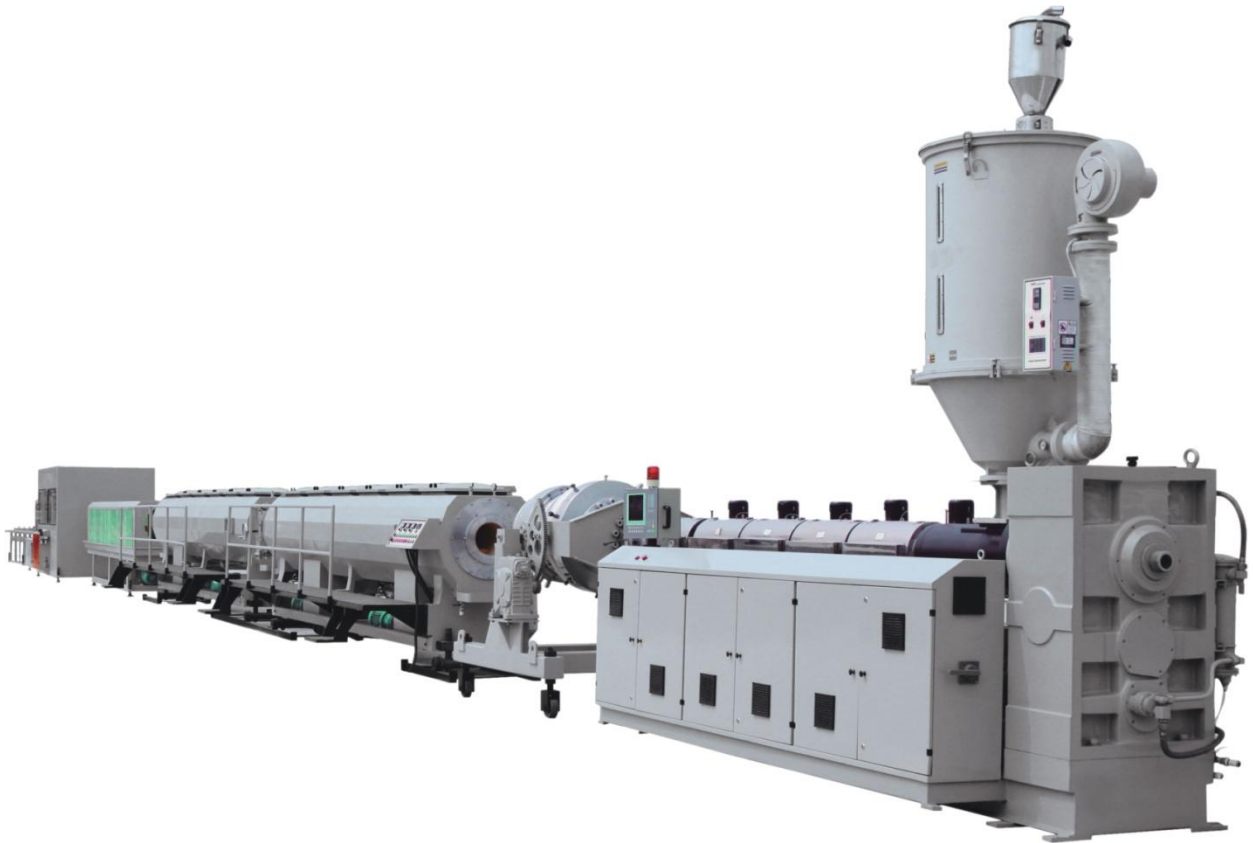


# **PE Pipe High Speed Extrusion Line**

## **Sample Quotation**

### **( $\Phi$ 110- $\Phi$ 315)**



## Equipment List:

Item	Model	Quantity
1	Auto Loader	1 Set
2	Hopper Dryer	1 Set
3	G60/38D High Speed Single Screw Extruder	1 Set
4	SJ25/25 Single Screw Co-extruder	1 Set
5	High Speed Mould (Φ110-Φ315)	1 Set
6	Vacuum Calibration Tank	1 Set
7	Water Cooling Tank	2 Sets
8	Four-Claws Haul-Off Machine	1 Set
9	Chipless Cutter	1 Set
10	Stacker	1 Set

## Business Item

<b><u>VOLTAGE</u></b>	380V & 50Hz – Three Phrase, can be customized with extra cost
<b><u>DELIVERY TIME</u></b>	60 Days; if voltage is different, delivery day would be extended
<b><u>OFFER VALIDITY</u></b>	30 Days
<b><u>TERMS OF PAYMENT</u></b>	30% of down-payment by T/T. Balance 70% T/T before delivery. T/T or L/C both okay according to customer requirements
<b><u>WARRANTY</u></b>	<b><u>Mechanical parts &amp; Electrical parts :</u></b> 12 months for parts considered by the manufacturer to be defective. During the warranty period, non-human damage can be replaced for free (excluding wearing parts, such as heating ring, belt, etc.).
<b><u>SITE INSTALLATION</u></b>	Seller can send staff to install and test the machinery on buyer's request, and buyer shall afford return air ticket, local accommodation, food and daily \$80 USD allowance for seller's staff. This can be negotiated in further details. The buyer should get preparation done in advance, such as water, gas, electricity supply and raw materials those.

## Specification

### 1. Auto Loader



### 2. Hopper Dryer



### 3. G60/38D High Speed Single-Screw Extruder



#### 1. The main parameters

##### Performance parameters

Motor Power:	110 Kw
Output:	450-550Kg/h

##### Screw parameters

Screw Material:	38CrMoALA, Nitriding treatment
Screw Type:	High-efficiency screw
L/D:	38:1
Screw Diameter:	60mm
Screw Nitriding Depth:	0.6mm
Hardness:	>860

##### Barrel parameters

Barrel material:	38CrMoALA, Nitriding treatment
Heating Power:	18Kw
Cooling Section:	5 sections
Cooling Power per Zone:	0.37Kw
Cooling Method:	Forced air cooling

Barrel Nitriding depth:	0.4-0.6mm
Hardness:	>860
Wall Roughness:	Ra≤1.6um; water-cooled slotted feed section
<b>Gearbox</b>	
High-torque gearbox,In the case of the same output torque, smaller than the same gear box size two specifications. Structure as a whole, the main bearing for the import bearings, and with a larger plate cooler, thrust bearing lubrication for the independent mandatory lubrication.	
Electric control box features: Ventilation and cooling The cooling effect is good, the power control box at the top of the device (above the governor) to set a strong cooling fan, beautiful, dustproof (outlet for the square structure).	
<b>2.Electrical configuration</b>	
Governor:	<b>Parker</b>
Motor:	<b>Siemens</b>
Temperature Controller:	<b>Omron</b>
Self-protection system: motor over-voltage protection; screw overload protection Siemens provides hardware; Chinese menu; Human-computer interface; 10.4-inch LCD touch screen A new generation of programmable computer control system; temperature control modular, temperature control accuracy of $\pm 1$ °C; with melt pressure measuring device	

#### 4. SJ25/25 Single-screw Co-extruder



### 1. The main parameters

Diameter:	25 mm
Aspect Ratio:	25:1
Motor Power:	1.5 Kw
Heating Power:	0.8Kw * 2
Cooling Method:	Air-cooled
Fan Power:	0.04Kw * 2

### 5. Mould (Φ110-Φ315mm)



### 1. The main parameters

Mold specifications:	Φ110 - Φ315 Standard specifications Also can be customized accordingly
Material:	40Cr
Die:	One set of each pressure level
Mandrel & Sizing Sleeve:	Two sets of each specification
Sizing Material:	Tin Bronze
Runner Surface:	Cross hard chrome polished, equipped with a mold car
Pressure Level	Customized

## 6. ZKX315-2/9 Vacuum Calibration Tank



### 1. The main parameters

Length:	9000mm (Double Room)
Water Pump:	5.5Kw + 4Kw
Vacuum Pump:	5.5Kw * 2
Moving Motor:	1.1Kw
Up and down adjustment:	±50mm manual screw adjustment
Left and right adjustment:	±50mm manual screw adjustment
Water Level Control:	stainless steel float valve
Pipe Support:	Wear-resistant nylon pallets
Water Level Control:	Stainless steel float valve
Water Temperature Control:	Expansion of mechanical automatic control valve

Water Tank Cover Sealing Method:

Adopting concave sealed way to ensure that the water is not spilled out and European-style large-capacity water filter, so that the nozzle will not be blocked for a long time and ensure the water flow of the nozzle.

Tempered Glass Cover; ABS strong atomization nozzle

## 7. PLX315 Water Cooling Tank \* 2



### 1. The main parameters

Length:	6000mm
Water Pump Motor:	5.5Kw
Water Level Control:	Automatic overflow
Pipe Support:	Nylon pallets; convenient in high and low adjustment
Water Level Control:	Overflow
Water Temperature Control:	Expansion of mechanical automatic control valve

ABS strong atomization nozzle

Adopting European-style large-capacity water filters, so that the nozzle will not be blocked for a long time and ensures the water flow of the nozzle.



## 8. Four-Claws Haul off Machine



### 1. The main parameters

Max Traction:	23000N
Effective Hauling Length:	1800mm
Hauling Speed:	0.25-3m/min
Motor Power:	0.55Kw * 4
Hauling Range:	Φ110-Φ315
Clamping Method:	Pneumatic tightening
Motor Control:	AC – Brand can be customized

## 9. Chipless Cutter



**1. The main parameters**

Motor Power:	4.5Kw; PLC Control
Cutting Range:	Φ110-Φ315
Blade Material:	Carbide Steel
Blade Diameter:	200 mm
Max. Cutting Thickness:	50 mm
Main Electrical Appliances:	Siemens

**10. Stacker**



**1. The main parameters**

Length:	6m
Discharging:	Pneumatic control by Cylinder